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cyclopentadiene resins, and terpene resins (these resins are described in Ullmanns Enzyklopaedie der Techn. Chemie (Ullmann's Encyclopedia of Industrial Chemistry), 4th edition, volume 12, pages 525 to 555.

- DETD Preferred hydrocarbon **resins** employed include sytrene homopolymers, **styrene** copolymers, **cyclopentadiene** homopolymers, **cyclopentadiene** copolymers and/or terpene polymers having, in each case, a softening point of 130° to 180° C., preferably of 140° to 160° C. In the case of the unsaturated polymers, the hydrogenated product is particularly preferred.
- DETD It is advantageous to use as the low molecular weight resin, a resin having a **high softening temperature**, preferably of more than about 140° C. Thus, stretching in the transverse direction can be performed at a higher temperature, which reduces the shrink of the film. Low shrink values are desirable, since otherwise, the film may lose its flatness when it is dried at elevated temperatures following printing. Moreover, the twisting properties are impaired as a result of film shrinkage. When a resin having the indicated **high softening temperature** is used, stretching can be performed at a preferred temperature of about 140° to about 150° C. However, if a resin having a lower softening temperature of, e.g., 120° C., is stretched at these high temperatures, it will lose its clarity and transparency.
- CLM What is claimed is:
12. A process as claimed in claim 1, wherein the resin is selected from the group consisting of petroleum **resins**, **styrene** resins, **cyclopentadiene** resins, and terpene resins.

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- L1 339 SEA ABB=ON PLU=ON (COPOLYMER OR RESIN OR HYDROGENAT?) (4W) ((CY CLOPENTADIENE OR DICYCLOPENTADIENE) (3A) (VINYL(1A) AROMATIC OR STYREN?))
- L2 23 SEA ABB=ON PLU=ON L1 AND (HIGH OR INCREAS? OR ELEVAT?) (1W) (SO FTENING(1W) (TEMPERATURE OR POINT))
D L2 1-23 IBIB ABS
D L2 6 HIT

FILE HOME

FILE USPATFULL

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